

### TSP Calibration, Inc.

3501 US Hwy 90 E Broussard, LA 70518  
Phone: (337) 236-6078 Email: taichi@tspndt.com

## Certificate of Calibration

Certificate No TSP-04202026-026

<p><b>Gage ID</b> PEA-101356709  <b>Gage S/N</b> 101356709  <b>Description</b> UT Flaw Detector  <b>Operating Procedure:</b> CP-060812  <b>Unit of Meas.</b>  <b>Manufacturer</b> Olympus  <b>Cal. Date</b> 4/20/2026  <b>Next Due</b> 4/20/2027  <b>Cal. Freq.</b> 1.00      Years  <b>Location</b> Lab</p>	<p><b>Environmental Conditions</b>  Temperature 68 +/- 2 deg F  Humidity 20-55%</p> <p style="text-align: center;"><b>Approved</b> Yes  <b>Customer Info.</b> Peak NDT</p>
--	--

### Certification Statement

TSP Calibration, Inc. calibration systems complies with the requirements of ISO 9001:2015. The equipment that is certified by this certificate has been calibrated by standards that have accuracy which is traceable to standards of the National Institute of Standards and Technology.

### Findings

Additional document is attached.

AS FOUND: PASSED      AS LEFT: PASSED

This calibration was performed in accordance with ASTM E317.

Standard used for calibration: IIW-Type1 Block Serial: 19348 Due Date: 06/17/27

IIW Type1 Block is traceable to NIST by the following numbers: 39671S, 42120P, 38986R

Calibrated By Taichi Daimo      Signature       Date: 4/20/2026

**APPROVED**  
By Kayla Myers at 11:53 am, Apr 21, 2026

# Control Procedure (CP-060812)

## Calibration Work Sheet (WS-060812)

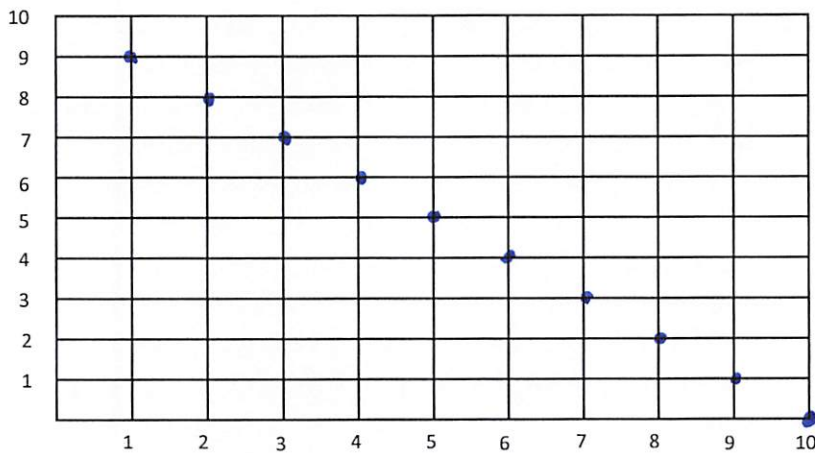
Manufacturer Olympus Model Epoch XT

Serial Number 101356709 Condition Good

Control Block Serial Number IIW-Type1 Block S/N: 19348

Control Block Due Date: 6/17/2027

Action Needed Calibration

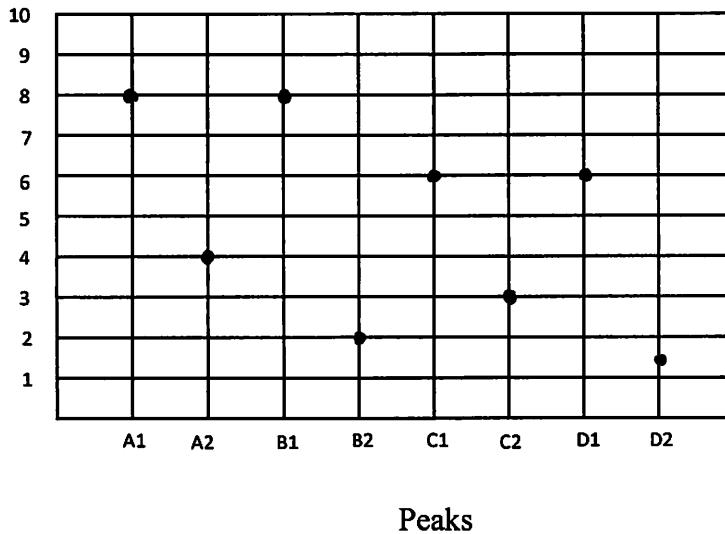


Peaks

### Horizontal Linearity

Using a 10" screen range on a 1" precision block, balance the signals between the velocity and delay. Record / plot the position of each peak in reference to horizontal position on the screen of instrument.

## Calibration Work Sheet (WS-060812)



### Vertical Linearity

- Step A1 - Choose signal and adjust gain to achieve 80% Full Screen Height and plot.
- Step A2 - Subtract 6 dB's from original gain to obtain a 2 to 1 ratio and plot.
- Step B1 - Choose signal and adjust gain to achieve 80% Full Screen Height and plot.
- Step B2 - Subtract 12 dB's from original gain to obtain a 4 to 1 ratio and plot.
- Step C1 - Choose a signal and adjust gain to achieve 60% Full Screen Height and plot.
- Step C2 - Subtract 6 dB's from original gain to obtain a 2 to 1 ratio and plot.
- Step D1 - Choose a signal and adjust gain to achieve 60% Full Screen Height and plot.
- Step D2 - Subtract 12 dB's from original gain to obtain a 4 to 1 ratio and plot.